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EXAMINER

NGUYEN, DUSTIN

ART UNIT

PAPER NUMBER

2154

DATE MAILED: 08/18/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/761,769

Applicant(s)

DAY ET AL.

Examiner

Dustin Nguyen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 06 August 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-81 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-81 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 5.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

### **DETAILED ACTION**

1. Claims 1 – 81 are presented for examination.

#### ***Claim Objections***

2. Claims 3, 4 are objected to because of the following informalities: “a unique”.

Appropriate correction is required.

#### ***Claim Rejections - 35 USC § 112***

3. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

4. Claims 1, 2 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

- A. The following terms lack antecedent basis:

- I. name - claim 1, line 8

#### ***Claim Rejections - 35 USC § 102***

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5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

6. Claims 1, 2, 11, 12, 21, 22, 27-38, 40-50, 54-64, 67, 68, 71-81 are rejected under 35 U.S.C. 102(b) as being anticipated by Hughes et al. [ US Patent No 5,959,275 ].

7. As per claim 1, Hughes discloses the invention substantially as claimed including an apparatus for registering a network server, comprising:

a first identifier uniquely identifying a network server having a logical server name [ col 5, lines 29-41; and col 9, lines 1-8 ];

a scanner reading the first identifier [ col 2, lines 51-53 ], wherein the scanner also permits entry of network server-related information, including network server location information [ Figure 7; and col 9, lines 22-47 ]; and

a memory storing the scanned first identifier, the logical server name, and the network server location information, wherein the stored first identifier, name, and information are related to each other [ i.e. database ] [ Figure 6; and col 3, lines 29-44 ].

8. As per claim 2, Hughes discloses a second identifier affixed to a rack location where the network server is located [ i.e. bar code ] [ col 5, lines 29-41 ], wherein the scanner reads the second identifier and the memory stores the scanned second identifier as network server location information related to the stored scanned first identifier [ Figure 7; and col 9, lines 22-47 ].

9. As per claim 11, it is method claimed of claim 1, it is rejected for similar reasons as stated above in claim 1.

10. As per claim 12, it is method claimed of claim 1, it is rejected for similar reasons as stated above in claim 2.

11. As per claim 21, it is rejected for similar reasons as stated above in claim 1. Furthermore, Hughes discloses connecting the network server to a network [ Figure 1 ] and retrieving the logical server name of the network server on the network [ i.e. inquiry ] [ Figure 7 ].

12. As per claim 22, it is rejected for similar reasons as stated above in claim 2.

13. As per claim 27, it is rejected for similar reasons as stated above in claim 1.

14. As per claim 28, Hughes discloses encoded with software to enter commands and receive information through a hand-held controller [ Figures 4-7 ].

15. As per claim 29, Hughes discloses the command available to be entered include entering location information for the network server [ Figures 4-7 ].

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16. As per claim 30, Hughes discloses the information received includes a map displaying the location of the selected network server [ Abstract; and Figure 7 ].

17. As per claim 31, it is program product claimed of claim 1, it is rejected for similar reasons as stated above.

18. As per claims 32-34, they are program product claimed of claims 28-30, they are rejected for similar reasons as stated above in claims 28-30.

19. As per claim 35, Hughes discloses the invention substantially as claimed including an apparatus for locating a network server, comprising:

a first display displaying the logical server name of a sought network server [ Figure 6; and col 8, lines 46-col 9, lines 21 ];

a first processor searching a database for the displayed logical server name [ col 3, lines 29-44 ]; and

a second display displaying location information for the network server from a record found by the processor in the database [ Figure 7; and col 9, lines 22-47 ].

20. As per claim 36, it is rejected for similar reasons as stated above in claim 30.

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21. As per claim 37, Hughes discloses the displayed location information is presented in the form of directions to guide a user to the network server location [ i.e. Floor, row, bay ] [

Abstract; and Figure 5 ].

22. As per claim 38, Hughes discloses

a third display displaying an identification value for the network server from the found record in the database [ Figures 6 and 7 ];

a scanner reading an identifier on a network server located at the location displayed from the found record in the database [ Abstract; and col 2, lines 51-66 ]; and

a second processor comparing the read identifier with the displayed identification value for a match [ col 7, lines 28-31 ].

23. As per claims 40 and 41, they are rejected for similar reasons as stated above in claims 1 and 38.

24. As per claims 42 and 43, they are rejected for similar reasons as stated above in claims 1 and 35.

25. As per claim 44, it is method claimed of claim 35, it is rejected for similar reasons as stated above in claim 35.

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26. As per claims 45 and 46, they are rejected for similar reasons as stated above in claims 36 and 37.

27. As per claim 47, Hughes discloses the directions to guide a user are displayed as direction arrows on the displayed map of the data center [ 502-512, Figure 5 ].

28. As per claim 48, it is rejected for similar reasons as stated above in claim 38.

29. As per claim 49, Hughes discloses displaying a warning should the comparison not produce a match [ i.e. error ] [ col 6, lines 54-57 ].

30. As per claim 50, it is rejected for similar reasons as stated above in claim 37.

31. As per claim 54, it is rejected for similar reasons as stated above in claims 40 and 41.

32. As per claims 55-57, they are rejected for similar reasons as stated above in claims 32-34.

33. As per claims 58 and 59, they are rejected for similar reasons as stated above in claims 42 and 43.

34. As per claims 60-62, they are rejected for similar reasons as stated above in claims 32-34.



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35. As per claims 63 and 64, they are rejected for similar reasons as stated above in claims 1, 42 and 43.
36. As per claim 67, it is rejected for similar reasons as stated above in claims 1, 42 and 43.
37. As per claim 68, it is rejected for similar reasons as stated above in claims 1 and 21.
38. As per claim 71, it is rejected for similar reasons as stated above in claims 27-30.
39. As per claim 72, it is rejected for similar reasons as stated above in claim 66.
40. As per claims 73-75, they are rejected for similar reasons as stated above in claims 28-30.
41. As per claim 76, it is rejected for similar reasons as stated above in claims 64 and 65.
42. As per claims 77-79, they are rejected for similar reasons as stated above in claims 28-30.
43. As per claim 80, it is rejected for similar reasons as stated above in claim 49.
44. As per claim 81, it is rejected for similar reasons as stated above in claim 76.

45. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

46. Claims 3-7, 13-17, 39, 51-53, 65, 66, 69 and 70 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hughes et al. [ US Patent No 5,959,275 ], in view of Pruett et al. [ US Patent No 6,170,059 ].

47. As per claim 3, Hughes discloses the invention substantially as claimed including an apparatus for registering a network server, comprising:

a reader reading the unique identifier affixed to the coupler [ col 8, lines 27-31 ]; and  
a memory storing the read unique identifier [ i.e. database ] [ Figure 6; and col 3, lines 29-44 ].

Hughes does not specifically disclose

a coupler affixed with a unique identifier and attached to a network server.

Pruett discloses

a coupler affixed with a unique identifier and attached to a network server [ col 2, lines 15-27; and col 5, lines 27-35 ].

It would have been obvious to a person skill in the art at the time the invention was made to combine the teaching of Hughes and Pruett because Pruett's teaching would allow to determine the identification of network server in an efficient manner.

48. As per claim 4, Hughes discloses an apparatus for registering a network server, comprising:

a scanner reading the unique identifier [ col 2, lines 51-53 ]; and

a second memory storing the scanned unique identifier [ i.e. database ] [ Figure 6; and col 3, lines 29-44 ].

Hughes does not specifically disclose

a coupler associated with a unique identifier;

a first memory of the coupler initialized with a unique identifier number associated with the unique identifier;

a network server to which the initialized coupler is associated.

Pruett discloses

a coupler associated with a unique identifier [ col 2, lines 15-27; and col 5, lines 27-35 ];

a first memory of the coupler initialized with a unique identifier number associated with the unique identifier [ Abstract; and col 2, lines 15-27 ];

a network server to which the initialized coupler is associated [ col 4, lines 15-30 ].

It would have been obvious to a person skill in the art at the time the invention was made to combine the teaching of Hughes and Pruett because Pruett's teaching of coupler would allow to maintain the identification of devices consistently.

49. As per claim 5, Hughes discloses a bar code label [ Abstract ].

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50. As per claim 6, it is rejected for similar reasons as stated above in claim 2.

51. As per claim 7, Hughes discloses a network to which the network server is connected [ Figure 1 ], wherein the logical server name of the network server is retrieved from the network and stored in the first memory [ i.e. database ] [ Figure 1; and col 3, lines 24-39 ].

52. As per claim 13, it is method claimed of claim 3, it is rejected for similar reasons as stated above in claim 3.

53. As per claim 14, it is method claimed of claim 3, it is rejected for similar reasons as stated above in claim 4.

54. As per claim 15, it is method claimed of claim 3, it is rejected for similar reasons as stated above in claim 5.

55. As per claim 16, it is method claimed of claim 3, it is rejected for similar reasons as stated above in claim 2.

56. As per claim 17, it is method claimed of claims 1 and 7, it is rejected for similar reasons as stated above in claims 1 and 7.

57. As per claim 39, it is rejected for similar reasons as stated above in claims 3 and 38.

58. As per claim 51, it is rejected for similar reasons as stated above in claims 3 and 38.

59. As per claims 52 and 53, they are rejected for similar reasons as stated above in claims 3, 49 and 50.

60. As per claims 65 and 66, they are rejected for similar reasons as stated above in claims 3, 42 and 43.

61. As per claims 69 and 70, they are rejected for similar reasons as stated above in claims 3, 42 and 43.

62. Claims 8-10, 18-20, 23-26 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hughes et al. [ US Patent No 5,959,275 ], in view of Pruett et al. [ US Patent No 6,170,059 ], and further in view of Simmon et al. [ US Patent No 5,867,688 ].

63. As per claim 8, Hughes and Pruett do not specifically disclose a hand-held scanner requiring successful user login prior to use. Simmon discloses a hand-held scanner requiring successful user login prior to use [ Figures 2 and 4 ]. It would have been obvious to a person skill in the art at the time the invention was made to combine the teaching of Hughes, Pruett and

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Simmon because Simmon's teaching of user login would allow to add protection aspect to the system for security improvement.

64. As per claim 9, Simmon discloses a third memory accepting an identification and a password entered during a user login, wherein the identification and password are transmitted from the third memory to the second memory, and wherein a level of authorization based on the entered identification and password is verified and the functions of the scanner are limited based on the verified authorization [ Figure 4; and col 8, lines 48-col 9, lines 22 ].

65. As per claim 10, Hughes discloses the scanner receives information associated with the network server and transmits the received information to the second memory for storage [ 114, 116, Figure 1 ] ]and wherein the received information is selected from the group of server-related information, consisting of rack location, customer name, role, type, status, hostname, port, IP address, and description [ Abstract; and Figure 6 ].

66. As per claims 18-20, they are method claimed of claims 8-10, they are rejected for similar reasons as stated above in claims 8-10.

67. As per claims 23-25, they are method claimed of claims 8-10, they are rejected for similar reasons as stated above in claims 8-10.

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68. As per claim 26, Simmon discloses the database resides on the hand-held scanner [ Figure 15 ].

69. A shortened statutory period for response to this action is set to expire **3 (three) months and 0 (zero) days** from the mail date of this letter. Failure to respond within the period for response will result in **ABANDONMENT** of the application (see 35 U.S.C 133, M.P.E.P 710.02, 710.02(b)).

### ***Conclusion***

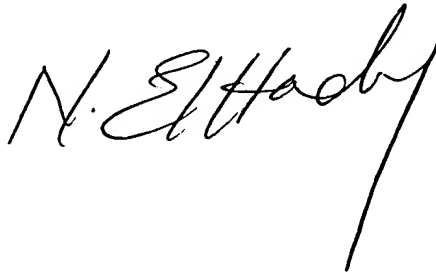
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dustin Nguyen whose telephone number is (703) 305-5321. The examiner can normally be reached on flex.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Follansbee John can be reached on (703) 305-8498. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Dustin Nguyen  
Examiner  
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A handwritten signature in black ink, appearing to read "N. El Hadj", with a long, sweeping vertical stroke extending downwards from the end of the signature.